

Colorimetric Report

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CCalc 2.6
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Date	Tuesday, November 28, 2023
Tester	Simon Blohm
Display	Philips 40B1U6903CH
Sensor	X-Rite i1 Display Pro (Corr.: Generic)
Testchart	In accordance with ISO 12646:2007 (1)
Target	sRGB
Display Profile	Considered
Rendering Intent	Relative colorimetric

(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	191 191 255	0.31	0.36	0.17	0.32
	191 255 0	0.26	0.59	0.14	0.27
	191 255 63	0.06	0.41	0.09	0.20
	191 255 127	0.48	0.06	0.02	0.12
	191 255 191	0.06	0.45	0.13	0.31
	191 255 255	0.50	0.56	0.01	0.50
	255 0 0	0.04	0.26	0.14	0.17
	255 0 63	0.03	0.26	0.20	0.23
	255 0 127	0.10	0.30	0.16	0.21
	255 0 191	0.07	0.23	0.06	0.11
	255 0 255	0.45	0.38	0.07	0.17
	255 63 0	0.93	0.43	0.07	0.26
	255 63 63	0.48	0.11	0.02	0.11
	255 63 127	0.40	0.35	0.06	0.19
	255 63 191	0.30	0.01	0.03	0.07
	255 63 255	0.11	0.02	0.09	0.09
	255 127 0	0.20	0.48	0.22	0.30
	255 127 63	0.42	0.90	0.01	0.44
	255 127 127	0.09	0.26	0.02	0.15
	255 127 191	0.04	0.46	0.16	0.29
	255 127 255	0.58	0.35	0.23	0.31
	255 191 0	0.14	0.72	0.08	0.33
	255 191 63	0.37	0.71	0.12	0.38
	255 191 127	0.23	0.69	0.08	0.43
	255 191 191	0.21	0.12	0.07	0.15
	255 191 255	0.74	0.26	0.12	0.33
	255 255 0	0.38	2.10	0.13	0.87
	255 255 63	0.39	1.94	0.18	0.86
	255 255 127	1.16	2.13	0.02	1.14
	255 255 191	0.37	1.19	0.01	0.82
	255 255 255 (1)	-	-	-	-
	Average (2)	0.70	0.00	0.22	0.42
	Maximum (2)	7.18	3.80	2.20	2.74

(1) Visual adaptation to display whitepoint is assumed; CIELAB reference values are adapted (Bradford transformation) to display whitepoint
(2) Without Black

Color Space	Gamut Volume CIELAB D50
sRGB	99%

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(1) Five equally spaced code values for each channel

Property	Device adjustments
Backlight brightness	
Brightness	31
Contrast	50
RGB Gain	100 98 100
Gradation	2,2
Other	